

## National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) SDG Y93N0 Case 43788 Contract EPW11033 Region 9 DDTID 182767 SOW SOM01.2

## Data Review Reports

DMC/Surrogate

DMC/Surrogate	VOA_Trace
VTDSS3	The following trace volatile samples have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are qualified UJ.
	Y93N1, Y93N2, Y93N3, Y93N4, Y93N5, Y93N6, Y93N7, Y93N8MS, Y93N8MSD, Y93N9, Y93P0DL, Y93Q5, Y93Q7
	<b>Toluene-d8</b> Y93N9
	Ethylbenzene, Tetrachloroethene, Toluene, Trichloroethene, m,p-Xylene, o-Xylene
	<b>Benzene-d6</b> Y93N8MS, Y93N8MSD
	Benzene
	<b>1,2-Dichloropropane-d6</b> Y93N7, Y93N8MS, Y93Q5
	<b>Vinyl chloride-d3</b> Y93N1, Y93N2, Y93N3, Y93N4, Y93N5, Y93N6
	Vinyl chloride
	<b>1,1,2,2-Tetrachloroethane-d2</b> Y93P0DL, Y93Q5, Y93Q7
	<b>Chloroethane-d5</b> Y93N1, Y93N3, Y93N4, Y93N5
DMC/Surrogate	VOA_Trace
VTDSS3201	The following diluted trace volatile samples with dilution factors less than or equal to 5 have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are qualified UJ.
	Y93P0DL
	<b>1,1,2,2-Tetrachloroethane-d2</b> Y93P0DL

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Detection Limit

Detection Limit	VOA_Trace
VTDL1	The following volatile samples have analyte concentrations below the quantitation limit (CRQL).    Detected compounds are qualified J.    Nondetected compounds are not qualified.
	Y93N1, Y93N2, Y93N6, Y93P0, Y93P1, Y93P2, Y93Q7
	<b>Chloroform</b> Y93P1, Y93P2
	<b>Trichloroethene</b> Y93N1, Y93P2
	<b>cis-1,2-Dichloroethene</b> Y93P0
	<b>Toluene</b> Y93N6, Y93P1
	<b>1,1,2-Trichloro-1,2,2-trifluoroethane</b> Y93N2, Y93Q7
	<b>o-Xylene</b> Y93P2
	<b>1,1,1-Trichloroethane</b> Y93N2
	<b>Benzene</b> Y93P1, Y93P2

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TIC

TIC	VOA_Trace
VTTIC1	A library search indicates a match at or above 85% for a TIC compound in the trace volatile sample Detected compounds are qualified NJ. Nondetected compounds are not qualified.
	Y93N2, Y93N3, Y93P2, Y93P5
	<b>Benzene, 1-ethyl-3-methyl-</b> Y93P2
	<b>Cyclotetrasiloxane, octamethyl-</b> Y93N2, Y93N3
	<b>Nonanal</b> Y93P5
	<b>Benzene, 1,2,3-trimethyl-</b> Y93P2
TIC	VOA_Trace
VTTIC2	A library search indicates a match below 85% for a TIC compound in the trace volatile sample Detected compounds are qualified J. Nondetected compounds are not qualified.
	Y93N0, Y93N1, Y93N4, Y93N5, Y93N7, Y93N8, Y93N9, Y93P2, Y93P4, Y93P5, Y93P6
	<b>Unknown-09</b> Y93P2
	<b>Unknown-07</b> Y93P2
	<b>Unknown-08</b> Y93P2
	<b>Unknown-05</b> Y93P2
	<b>Unknown-06</b> Y93P2
	<b>Unknown-03</b> Y93P2
	<b>Unknown-04</b> Y93P2
	<b>Unknown-01</b> Y93N0, Y93N1, Y93N4, Y93N5, Y93N7, Y93N8, Y93N9, Y93P2, Y93P4, Y93P5, Y93P6
	<b>Unknown-02</b> Y93P2
	<b>Unknown-10</b> Y93P2
	<b>Unknown-11</b> Y93P2